

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
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SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**ENGINE  
MAINTENANCE  
RECORDS**



# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N215CP

Engine Manufacturer TCM

Model IO-360E56B

Serial No. 360266

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- |                                |                               |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

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



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DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK												
<div> <div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4169-09-2007</div> <div>  <b>Sterling Aviation</b>  145 John Glenn Drive  Concord, CA 94520  Phone: 925-676-2100 </div> <div> DATE: 9/20/2007  A/C TSN: 439.3  ENG TT: 439.2  TACH: 439.3 </div> </div>																
<b>Engine Entries</b> Comp check at 80 psi. #1-74#6-68#3-68#2-72#5-70#4-72. Insp. of old oil filter no metal found. #5 bottom spark plug bed, replace with new. Clean and insp. fuel injectors. Performed insp. and service IAW Cirrus Design AMM. 8 qts. 15W-50 oil, 1 CH48108-1 filter, 1 MS29513 o-ring, 1 NAS1523-8B stato seal, 11 spark plug gaskets, 1RHM 38E spark plug, 1 BA-24 Induction filter																
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4169-09-2007, Dated 9/20/2007.																
DATE: 9/20/2007	SIGNED: <i>Bill Deary</i> 3111468		Work Order: 4169-09-2007													
<div> <div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4194-10-2007</div> <div>  <b>Sterling Aviation</b>  145 John Glenn Drive  Concord, CA 94520  Phone: 925-676-2100 </div> <div> DATE: 10/19/2007  A/C TSN: 493.1  ENG TT: 439.2  TACH: 493.1 </div> </div>																
<b>Engine Entries</b> Changed oil and filter, inspected old oil filter, no metal found. 8qts 15W-50 oil, 1 CH48108-1 filter, 1 MS29513-137 o-ring, 1 NAS1523-8B stato-seal																
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4194-10-2007, Dated 10/24/2007.																
DATE: 10/19/2007	SIGNED: <i>Bill Deary</i> 3111468		Work Order: 4194-10-2007													
<div> <div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4237-11-2007</div> <div>  <b>Sterling Aviation</b>  145 John Glenn Drive  Concord, CA 94520  Phone: 925-676-2100 </div> <div> DATE: 11/29/2007  A/C TSN: 539.4  ENG TT: 539.4  TACH: 539.4 </div> </div>																
<b>Engine Entries</b> Engine 100 hour inspection for 2007 airworthiness recertification IAW FAR 91.409 (b) complied with using SR20 Cirrus Design checklist and FAR 43 appendix D. Performed compression check. #1-72 #3-70 #5-72 #2-72 #4-72 #6-70. using 80 psi. Insp. Removed and inspected old oil filter, no metal found. Removed fuel injectors, cleaned and insp. reinstalled. Serviced engine with 8qts 15W-50 oil and CH48108-1 filter, old filter cut open and inspected, No metal found at this time. Ground ra,n leak checked, no defects noted.																
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4237-11-2007, Dated 11/9/2010.																
DATE: 11/29/2007	SIGNED: <i>Bill Deary</i> A & P 3111469		Work Order: 4237-11-2007													
<div>  <b>145 JOHN GLENN DRIVE CONCORD, CA 94520 T: (925) 676-2100 F: (925) 676-5580</b> </div>																
<b>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</b>																
SIGNED: <i>Michael J Bruno</i>		DATE: <i>11/29/07</i>														
TTIS: <i>539.4</i> TSMOH: <i>—</i>		REG.# <i>N215CP</i>														
<table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>																
				<b>SUB-TOTALS</b> this page												
				<b>TOTALS</b> -Carry forward to next page												



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4367-03-2008</p> <p><b>STERLING AVIATION</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</p> <p>DATE: 3/6/2008 A/C TSN: 639.3 ENG TT: 639.3 TACH: 639.3</p> <p><b>Engine Entries</b> Engine 100 hour inspection complied with using Cirrus Design checklist and FAR 43 appendix D. Compression check reveals 1-62/80, 2-70/80, 3-68/80, 4-72/80, 5-70/80, 6-72/80 with base line of 40/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Cylinder #1 top plug replaced due to cracked insulator. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.</p> <p><b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4367-03-2008, Dated 11/9/2010.</p> <p>DATE: 3/6/2008 SIGNED: <i>Bill Veng AEP 3111468</i> Work Order: 4367-03-2008</p>				
<p>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4506-06-2008</p> <p><b>STERLING AVIATION</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</p> <p>DATE: 6/13/2008 A/C TSN: 739.7 ENG TT: 870.2 HOBBS: 870.2</p> <p><b>Engine Entries</b> Engine 100 hour inspection for 2008 airworthiness recertification complied with using Sterlings checklist and FAR 43 appendix D. Compression check reveals 1-72/80, 2-67/80, 3-64/80, 4-65/80, 5-70/80, 6-68/80 with base line of 80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.</p> <p><b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4506-06-2008, Dated 6/17/2008.</p> <p>DATE: 6/13/2008 SIGNED: <i>Bill Veng AEP 3111468</i> Work Order: 4506-06-2008</p>				
<p>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4684-10-2008</p> <p><b>STERLING AVIATION</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</p> <p>DATE: 10/10/2008 A/C TSN: 918.1 ENG TT: 918.1 TACH: 918.1</p> <p><b>Engine Entries</b> Troubleshoot, performed ground run up. check compression #3 cyl. 64/80 &amp; # 5 cyl. shows 64/80. R &amp; I fuel injectors # 3 &amp; #5 inspect and cleaned. no defects noted. magneto drops both at 100 rpm. no adjustment made at this time.</p> <p><b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4684-10-2008, Dated 11/9/2010.</p> <p>DATE: 10/10/2008 SIGNED: <i>Bill Veng AEP 3111468</i> Work Order: 4684-10-2008</p>				
<p>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4724-11-2008</p> <p><b>STERLING AVIATION</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</p> <p>DATE: 11/14/2008 A/C TSN: 936.5 ENG TT: 936.5 TACH: 936.5</p> <p><b>Engine Entries</b> Compression check reveals 1-67/80, 2-65/80, 3-56/80, 4-61/80, 5-65/80, 6-50/80 with base line of 80. Engine oil drained and replaced with 8qts of Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted. Flight 936.5 Hobbs 1111.4</p> <p><b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4724-11-2008, Dated 11/18/2008.</p> <p>DATE: 11/14/2008 SIGNED: <i>Bill Veng AEP 3111468</i> Work Order: 4724-11-2008</p>				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 4790-12-2008		<b>STERLING</b>	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 12/18/2008 A/C TSN: 992.2 ENG TT: 992.2 TACH: 992.2
<b>Engine Entries</b> Drained engine oil, removed old oil filter, cut open old filter and found no contaminants at this time. Serviced engine with 8qts of Aeroshell 15W-50 oil, installed a CH48108-1 oil filter, performed a ground run-up, no oil leaks noted at this time Hobbs 1167.2 Flight T 992.2				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4790-12-2008, Dated 12/18/2008.				
DATE: 12/18/2008		SIGNED: <i>Birdway ATP 3111468</i>		Work Order: 4790-12-2008
		<b>TOTALS</b> -Carry forward to next page		

[illegible]

DATE	TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED— PERFORMING WORK
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4811-01-2009	<b>STERLING</b>	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100		DATE: 1/7/2009 A/C TSN: 1006.7 ENG TT: 1006.7 TACH: 1006.7
<b>Engine Entries</b> Compression check reveals 1-60/80, 2-65/80, 3-52/80, 4-50/80, 5-56/80, 6-23/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Replaced new alternate induction housing. during ground run up, check good.... Replaced new induction air filter housing cover P/N-12679-002.... Pilot test flight, and perform new compression test shows 56/80 PSI.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4811-01-2009, Dated 1/7/2009.				
DATE: 1/7/2009		SIGNED: <i>[Signature]</i> <b>AP 209426857</b>		Work Order: 4811-01-2009



I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: *[Signature]* **Michael Bruno, IA 2585871** DATE: 1/7/09

TTIS: 1006.7 TSMO:        REG # N215CP  
145 JOHN GLENN DR CONCORD, CA 925-676-2100

ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4871-02-2009	<b>STERLING</b>	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 2/17/2009 A/C TSN: 1062.1 ENG TT: 1062.1 TACH: 1062.1	
<b>Engine Entries</b> Change oil and filter. Inspected filter for metal. None noted. Service engine with Aeroshell 15-50w. Perform leak check.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4871-02-2009, Dated 2/17/2009.				
DATE: 2/17/2009		SIGNED: <i>[Signature]</i> <b>AP 2551771</b>		Work Order: 4871-02-2009

ENGINE MODEL: IO-360ES6B ENGINE S/N: 360Z66 REG. NO: N215CP WORK ORDER: 4904-03-2009	<b>STERLING</b>	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100	DATE: 3/18/2009 A/C TSN: 1108.3 ENG TT: 1108.3 TACH: 1108.3	
<b>Engine Entries</b> Engine 100 hour inspection for 2009 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Compression check reveals 1-64/80, 2-50/80, 3-58/80, 4-63/80, 5-52/80, 6-56/80 with base line of 60/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders. replaced new 4 spark plug RHM38E and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Timed to engine both Lt & Rt magneto to 24 degrees BTDC... Replaced 5 new Spark plug RHM38E and installed.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4904-03-2009, Dated 3/18/2009.				
DATE: 3/18/2009		SIGNED: <i>[Signature]</i> <b>AP 619420571</b>		Work Order: 4904-03-2009


SUB-TOTALS this page  
TOTALS-Carry forward to next page

ENGINE MODEL:  
IO-360ES68  
ENGINE S/N: 360Z66  
REG. NO: N215CP  
WORK ORDER:  
4993-05-2009



**Sterling Aviation**  
145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 5/21/2009  
A/C TSN: 1208.3  
ENG TT: 1208.3  
TACH: 1208.3

Page No. **6**

IMED—  
PERFORMING WORK

#### Engine Entries

Compression check reveals 167/80, 2-70/80, 3-65/80, 4-67/80, 5-60/80, 6-60/80 with base line of /80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM IO 360 MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Replaced 2 spark plugs with new RHM 38E. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted. Flight 1208.6

#### Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 4993-05-2009, Dated 5/21/2009.

DATE: 5/21/2009

SIGNED: *Bill Dwyer ACP 3111468*

Work Order: 4993-05-2009

ENGINE MODEL:  
IO-360ES68  
ENGINE S/N: 360Z66  
REG. NO: N215CP  
WORK ORDER:  
5037-06-2009



**Sterling Aviation**  
145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 6/29/2009  
A/C TSN: 1270.1  
ENG TT: 1270.1  
TACH: 1270.1

#### Engine Entries

Changed oil and filter, old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.

#### Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5037-06-2009, Dated 6/29/2009.

DATE: 6/29/2009

SIGNED: *Bill Dwyer ACP 11942051*

Work Order: 5037-06-2009

ENGINE MODEL:  
IO-360ES68  
ENGINE S/N: 360Z66  
REG. NO: N215CP  
WORK ORDER:  
5067-07-2009



**Sterling Aviation**  
145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 7/21/2009  
A/C TSN: 1309.1  
ENG TT: 1309.1  
TACH: 1309.1

#### Engine Entries

Engine 100 hour inspection for 2008 airworthiness recertification complied with using Cirrus checklist and FAR 43 appendix D. Compression check reveals 1-69/80, 2-67/80, 3-58/80, 4-70/80, 5-81/80, 6-68/80 with base line of 43/80. Engine oil drained and replaced with Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.... Set idle to 650 RPM... Retime mags to 24 degrees.

#### Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5067-07-2009, Dated 7/21/2009.

DATE: 7/21/2009

SIGNED: *WHL MTH ACP 657771*

Work Order: 5067-07-2009

ENGINE MODEL:  
IO-360ES68  
ENGINE S/N: 360Z66  
REG. NO: N215CP  
WORK ORDER:  
5263-02-2010



**Sterling Aviation**  
145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 2/5/2010  
A/C TSN: 1526.5  
ENG TT: 1526.5  
TACH: 1526.5

#### Engine Entries

Engine 100 hour inspection for 2010 airworthiness recertification complied with using Cirrus Design checklist and FAR 43 appendix D. Compression check reveals 1-78/80, 2-76/80, 3-77/80, 4-79/80, 5-79/80, 6-76/80 with base line of 80. Engine oil drained and replaced with 8qts Aeroshell 15W50. Oil filter removed and replaced with Champion CH48108-1. Old oil filter cut open and inspected for contamination, no contamination noted at this time. Magneto to engine timing checked to 24 degrees BTDC IAW TCM MM. Spark plugs removed, cleaned, gapped and operational checked. Spark plugs rotated across cylinders and installed with new M-674 gaskets. Fuel injectors removed, cleaned, installed and leak checked. Engine ground operation after inspection and servicing was normal with no oil or fuel leaks noted.

#### Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5263-02-2010, Dated 2/8/2010.

DATE: 2/5/2010

SIGNED: *Bill Dwyer ACP 3111468*

Work Order: 5263-02-2010



I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IAW ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: *Andres Amil III*

Andres Amil III, IA 611942051

DATE: 2/5/10

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TTIS: 1526.5 TSMO: \_\_\_\_\_ REG # N215CP



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5346-04-2010	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100			DATE: 4/23/2010 A/C TSN: 1626.6 ENG TT: 1626.6 TACH: 1626.6
<b>Engine Entries</b> Performed Compression test: 1)78/80 2)77/80 3) 76/80 4) 78/80 5)78/80 6)79/80. Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. Removed spark plug cleaned, gapped and tested. checked good. installed new M-674 spark plug gasket. Cleaned fuel injectors. checked magneto to engine timing at 24 Degrees BTDC IAW TCM MM. ground run up, good. no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5346-04-2010, Dated 4/30/2010.				
DATE: 4/23/2010	SIGNED: <i>Bill Dwyer AEP 311468</i>			Work Order: 5346-04-2010
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5393-06-2010	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100			DATE: 6/8/2010 A/C TSN: 1713.7 ENG TT: 1713.7 TACH: 1713.7
<b>Engine Entries</b> Change oil, open and inspect oil filter. no metal particles found. Serviced with 8 Qts. of 15W50 Aeroshell oil, and CH48108-1 filter. Ground run up, no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5393-06-2010, Dated 11/10/2010.				
DATE: 6/8/2010	SIGNED: <i>David Vickin AEP 3161731</i>			Work Order: 5393-06-2010
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5425-07-2010	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100			DATE: 7/12/2010 A/C TSN: 1800 ENG TT: 1800 TACH: 1800
<b>Engine Entries</b> Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5425-07-2010, Dated 7/13/2010.				
DATE: 7/12/2010	SIGNED: <i>David Vickin AEP 3161731</i>			Work Order: 5425-07-2010
Printed by ERIS 3 (datcommedia.com)				
ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5472-08-2010	<b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100			DATE: 8/17/2010 A/C TSN: 1885 ENG TT: 1885 TACH: 1885
<b>Engine Entries</b> Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5472-08-2010, Dated 8/17/2010.				
DATE: 8/17/2010	SIGNED: <i>David Vickin AEP 3161731</i>			Work Order: 5472-08-2010
Printed by ERIS 3 (datcommedia.com)				
<b>SUB-TOTALS</b> this page				
<b>TOTALS</b> -Carry forward to next page				

Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5346-04-2010, Dated 4/30/2010.

DATE: 4/23/2010

SIGNED:

*Bill Duong ATP 311468*

Work Order: 5346-04-20

ENGINE MODEL:  
IO-360ES6B  
ENGINE S/N: 360266  
REG. NO: N215CP  
WORK ORDER:  
5393-06-2010



**Sterling Aviation**

145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 6/8/2010  
A/C TSN:  
ENG TT:  
TACH:

Engine Entries

Change oil, open and inspect oil filter. no metal particles found. Serviced with 8 Qts. of 15W50 Aeroshell oil, and CH48108-1 filter. Ground run up, noted.

Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5393-06-2010, Dated 11/10/2010.

DATE: 6/8/2010

SIGNED:

*David Vickin AEP 3161731*

Work Order: 5393-06

ENGINE MODEL:  
IO-360ES6B  
ENGINE S/N: 360266  
REG. NO: N215CP  
WORK ORDER:  
5446-07-2010



**Sterling Aviation**

145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 7/30/2010  
A/C TSN: 1828.9  
ENG TT: 1828.9  
TACH: 1828.9

Engine Entries

Engine 100 hr. Inspection for 2010 using Cirrus Design SR20 checklist. compression reveals 1-73/80 2-76/80 3-72/80 4-72/80 5-74/80 6-74/80 Timing set at 24 degrees IAW engine placard, engine drained of oil and serviced with 8 qrts. of Aeroshell 15W-50 oil. old oil filter cut open, no contaminants found at this time, a CH48108-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time.

Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5446-07-2010, Dated 7/30/2010.

DATE: 7/30/2010

SIGNED:

*David Vickin AEP 3161731*

Work Order: 5446-07-2010

ENGINE MODEL:  
IO-360ES6B  
ENGINE S/N: 360266  
REG. NO: N215CP  
WORK ORDER:  
5472-08-2010



**Sterling Aviation**

145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 8/17/2010  
A/C TSN:  
ENG TT:  
TACH:

Engine Entries

Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.

Maintenance Release

The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5472-08-2010, Dated 8/17/2010.

DATE: 8/17/2010

SIGNED:





*David Vickin AEP 3161731*

Work Order: 5472-08-

Printed by FRIS 3 (data/media)

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DATE	TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED— FORMING WORK
<div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5494-09-2010</div> <div><b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</div> <div>DATE: 9/9/2010 A/C TSN: 1929.4 ENG TT: 1929.4 TACH: 1929.4</div>				
<b>Engine Entries</b> Engine 100 hr. Inspection for 2010 using Cirrus Design and Sterlings checklist. compression reveals 1-74/80 2-70/80 3-72/80 4-75/80 5-75/80 6-72/80 Timing set at 24 degrees IAW engine placard, engine drained of oil and serviced with Aeroshell 15W-50 oil. old filter cut open, no contaminants found at this time, a CH48108-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time....replaced 4 spark plugs with new RHM 38E spark plugs. op's check good.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5494-09-2010, Dated 9/9/2010.				
DATE: 9/9/2010      SIGNED: <i>David Vickard AEP 3161731</i> Work Order: 5494-09-2010 <small>Printed by FRis 3 (datcomedia.com)</small>				
<div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5521-10-2010</div> <div><b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</div> <div>DATE: 10/11/2010 A/C TSN: 2018.7 ENG TT: 2018.7 TACH: 2018.7</div>				
<b>Engine Entries</b> Changed oil and filter. old filter cut open and inspected, no metal particles found. installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5521-10-2010, Dated 10/11/2010.				
DATE: 10/11/2010      SIGNED: <i>David Vickard AEP 3161731</i> Work Order: 5521-10-2010 <small>Printed by FRis 3 (datcomedia.com)</small>				
<div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5528-10-2010</div> <div><b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</div> <div>DATE: 10/26/2010 A/C TSN: 2029.6 ENG TT: 2029.6 TACH: 2029.6</div>				
<b>Engine Entries</b> Engine 100 hr. Inspection for 2010 using Cirrus Design SR20 checklist. compression reveals 1-70/80 2-624/80 3-74/80 4-78/80 5-72/80 6-76/80 Timing set at 24 degrees IAW engine placard, engine drained of oil and serviced with 8 qrts. of Aeroshell 15W-50 oil. old oil filter cut open, no contaminants found at this time, a CH48108-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5528-10-2010, Dated 10/26/2010.				
DATE: 10/26/2010      SIGNED: <i>Rob Martin AEP 204426857</i> Work Order: 5528-10-2010 <small>Printed by FRis 3 (datcomedia.com)</small>				
<div>ENGINE MODEL: IO-360ES6B ENGINE S/N: 360266 REG. NO: N215CP WORK ORDER: 5578-12-2010</div> <div><b>Sterling Aviation</b> 145 John Glenn Drive Concord, CA 94520 Phone: 925-676-2100</div> <div>DATE: 12/1/2010 A/C TSN: 2097.9 ENG TT: 2097.9 TACH: 2097.9</div>				
<b>Engine Entries</b> Changed oil and filter. old filter cut open and inspected, no metal particles found. Installed new P/N-CH48108-1 oil filter. serviced with 8 Qts. of 15W50 Aeroshell oil. ground run up, good. no leaks noted.				
<b>Maintenance Release</b> The aircraft and/or component(s) on N215CP was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5578-12-2010, Dated 12/1/2010.				
DATE: 12/1/2010      SIGNED: <i>David Vickard AEP 3161731</i> Work Order: 5578-12-2010				


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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE MODEL:  
IO-360ES6B  
ENGINE S/N: 360266  
REG. NO: N215CP  
WORK ORDER:  
5597-12-2010



**Sterling Aviation**  
145 John Glenn Drive  
Concord, CA 94520  
Phone: 925-676-2100

DATE: 1/14/2011  
A/C TSN: 2129.6  
ENG TT: 2129.6  
TACH: 2129.6

**Engine Entries**

Engine 100 hr. Inspection for 2011 using Cirrus Design SR20 checklist. compression reveals 1-75/80 2-74/80 3-75/80 4-72/80 5-72/80 6-68/80 Timing set at 22 degrees IAW engine placard, engine drained of oil and serviced with Aeroshell 15W-50 oil. old filter cut open, no contaminants found at this time, a CH48108-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time....replaced 2 worn spark plugs p/n RHM38E. op's check good....C/W AD 2008-11-18 per Cirrus SB 2X-78-07 R1. no defects noted at this time. next due tach time of 2229.6.

**Maintenance Release**

The aircraft and/or component(s) specified above on N215CP was repaired and/or inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file under Work Order No. 5597-12-2010, Dated 1/17/2011.

DATE: 1/14/2011

SIGNED: David Vickers Asst 3161731

Work Order: 5597-12-2010

Printed by: E.Pic 2 (data-media.com)



**I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IAW ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AIRWORTHY CONDITION.**

SIGNED: David Vickers  
David Vickers, IA 3161731

DATE: 1/14/2011

TTIS: 2129.6 TSMO:            REG # N215CP

145 JOHN GLENN DR CONCORD, CA 925-676-2100

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C



Date: 5/18/2011; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 2407.3; Tach: 2232.3; Total Time: 2232.3; Engine - Type: , S/N: , Time: 2231.1; Prop - Type: , S/N: , Time: 2231.1; Work Done At - Airframe Time: 2232.3., Engine Time: 2231.1., L/G Cycles: 20,  
Shop Order #: 11-15742, Closed: 5/31/2011

- 1) Performed Annual inspection IAW Pacific States annual inspection checklist.
- 2) Compressions: 1)73/80, 2)55/80, 3)73/80, 4)71/80, 5)69/80, 6)74/80.
- 3) Changed oil and filter. Serviced with 8 quarts of Aeroshell 15w50 and a CH48108-1 filter.
- 4) Replaced distributers, points, and coils @ both magnetos. Reinstalled with new gaskets.
- 5) Tightened and resaffited throttle and mixture controls @ fuel servo.
- 6) Resecured oil filler cap.
- 7) Prepared oil sample.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: \_\_\_\_\_  
Pacific States Aviation, Inc. Repair Station No. CPFR948C

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C



Date: 8/17/2011; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 2483.0; Tach: 2307.9; Total Time: 2307.9; Engine - Type: , S/N: , Time: 2307.0; Prop - Type: , S/N: , Time: 2307.0; Work Done At - Airframe Time: 2307.9., Engine Time: 2307.0., L/G Cycles: 59,  
Shop Order #: 11-15859

- 1) Changed oil and filter. Serviced with 8 quarts of Aeroshell 15w50 and a CH48108-1 filter.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: \_\_\_\_\_  
Pacific States Aviation, Inc. Repair Station No. CPFR948C

[illegible]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C

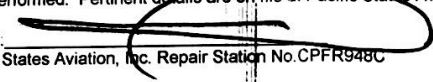
**PSA**  
Pacific States Aviation  
Est 1946

**Engine**

Date: 2/24/2012; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 2588.2; Tach: 2413.1; Total Time: 2413.1; Engine - Type: IO-360-ES6B, S/N: 380266, Time: 2413.1, SMOH: 2.3  
Shop Order #: 11-15973, Closed: 7/31/2012

Installed engine after overhaul with attaching hardware. Performed engine run and leak check with satisfactory results.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:   
Pacific States Aviation, Inc. Repair Station No. CPFR948C

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C

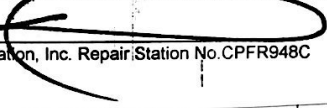
**PSA**  
Pacific States Aviation  
Est 1946

**Engine**

Date: 8/16/2012; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 2699.7; Tach: 2524.6; Total Time: 2524.6; Engine - Type: IO-360-ES6B, S/N: 360266, Time: 2524.6, SMOH: 109.2  
Shop Order #: 12-16209, Closed: 8/16/2012

1. C/W 100HR inspection on engine I/A/W P.S.A checklists.  
2. Submit oil sample.  
3. Compressions 1. 74/80 2. 74/80 3. 72/80 4. 74/80 5. 72/80 6. 73/80  
4. Cut and inspected filter. and installed ne Ch48108-1 oil filter  
5. Filled with 8 qts of Aeroshell 15w/50 oil  
6. Cleaned, gapped and rotated spark plugs.  
7. Checked Magneto timing.

I certify that this aircraft/component has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.  
This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:   
Pacific States Aviation, Inc. Repair Station No. CPFR948C

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C

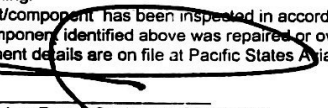
**PSA**  
Pacific States Aviation  
Est 1946

**Engine**

Date: 3/08/2013; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 2804.1; Tach: 2629.1; Total Time: 2629.1; Engine - Type: IO-360-ES6B, S/N: 360266, Time: 2629.1, SMOH: 213.7  
Shop Order #: 13-16401

1. C/W annual inspection on engine I/A/W P.S.A checklists.  
2. Submit oil sample.  
3. Compressions 1. 77/80 2. 76/80 3. 77/80 4. 74/80 5. 75/80 6. 77/80  
4. Cut and inspected filter. and installed ne Ch48108-1 oil filter  
5. Filled with 9 qts of Aeroshell 15w/50 oil  
6. Cleaned, gapped and rotated spark plugs.  
7. Checked Magneto timing.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:   
Pacific States Aviation, Inc. Repair Station No. CPFR948C

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**TOTALS**-Carry forward to next page

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C



## Engine

Date: 1/31/2014; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs:; Tach: 2844.0; Total Time: 2844.0; Engine - Type: IO-360-ES6B, S/N: 360266, Time: 2844.0, SMOH: 428.6  
Shop Order #: 14-16757, Closed: 1/31/2014  
1. C/W ANNUAL inspection on engine I/A/W P.S.A checklists.  
2. Submit oil sample.  
3. Compressions 1. 76/80 2. 74/80 3. 74/80 4. 74/80 5. 78/80 6. 76/80  
4. Cut and inspected filter. and installed ne Ch48108-1 oil filter  
5. Filled with 8 qts of Phillips X/C 20w/50 oil  
6. Cleaned, gapped and rotated spark plugs.  
7. Checked Magneto timing.  
I certify that this aircraft/component has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:   
Pacific States Aviation, Inc. Repair Station No. CPFR948C

**Pacific States Aviation**  
51 John Glenn Dr  
Concord, CA 94520  
Phone 925-685-4400  
Repair Station No. CPFR948C



## Engine

Date: 3/02/2015; Aircraft: N215CP; Type: SR20; S/N: 1741; Hobbs: 3089.3; Tach: 2914.2; Total Time: 2914.2; Engine - Type: IO-360-ES6B, S/N: 360266, Time: 2914.2, SMOH: 498.8  
Shop Order #: 15-17237  
Performed annual inspection on powerplant and found to be airworthy with an oil change Phillip X/C 20W/50 and oil filter CH48108-. Performed operational check result good at this time I/A/W P.S.A check list.  
Took oil sample.  
Serviced all spark plug and adjusted L/H mag.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed:   
Pacific States Aviation, Inc. Repair Station No. CPFR948C

**Sierra Industries, Ltd.**  
1770 Skyplace Blvd  
San Antonio TX 78216



Date: 04-22-2015 Cirrus SR20 S/N: 1741 HOBBS: 3155.0 FLT: 2979.9

Performed engine oil change drained 8qts of oil and removed old filter. Opened old filter found no particles at this time. Serviced engine with 8qts of oil Phillips 66 X/C Aviation multiviscosity SAE 20W-50 and installed oil filter P/N CH48108-1. Performed engine run no leaks noted all work done IAW Cirrus SR20 AMM 12-10.

Chad Comeaux A&P3508417 WO 6343-04-2015

**Sierra Industries, Ltd.**  
1770 Skyplace Blvd  
San Antonio TX 78216



## ENGINE

Date: 6-18-2015 Model: Cirrus SR20 Reg #: N215CP S/N: 1741  
HOBBS: 3189.6 Flt Hrs: 3014.5

Performed engine oil change, drained engine oil, removed old filter, inspected filter and no foreign matter found. Installed new oil filter P/N CH48108. Serviced engine with 8 Qts Phillips XC 20W50 oil. Work done I/A/W Cirrus SR20 AMM 12-10.

Stephen Holliday 3676985 A&P WO 6495-06-2015

TOTALS-Carry forward to next page



## FORMING WORK

*Perry*

**Sierra Industries, Ltd.**  
1770 Skyplace Blvd  
San Antonio TX 78216  
*Engine Entry*



Changed rocker cover gaskets on cylinders on 1,3,5 changed washer and orings on pushrods for cylinders 1,3, and 5. Changed rocker gaskets on 2,intake on 4, and intake on 6. changed orings and washers on pushrods on 2, intake on 4 and intake on 6 performed ground engine run no leaks noted at this time. Adjusted fuel pressure at idle from 3 psi to 8psi adjusted idle mixture on throttle body to reach optimum at 600 RPM and fuel pressure performed engine ground runs idle to takeoff power no leaks and fuels pressure was good. All work done IAW Continental motors IO-360 series engine maintenance and overhaul manual.

*[Signature]*

**Sierra Industries, Ltd.**  
1770 Skyplace Blvd  
San Antonio TX 78216  
*Engine 10-360-ES S/N 360266*



Installed new engine oil pressure relief spring p/n 637083 and p/n 539619, and new plunger p/n 631687. Ran engine, all ops and leak checks good, oil pressure normal. All work done IAW Comincontal IO360 MM.

Continental IO360 MM.  
David S.

Stephen Holliday 3676985 A&P WO 7022-01-2016



12888 Hwy 6 S Ste 113  
Sugar Land, TX 77498 USA  
Phone: 281-494-5800

DATE: 1/19/2016  
A/C TSN: 3291.4  
ENG TT: 3291.4  
HOBBS: 3466.5

ENGINE MODEL:  
IO-360-ES  
ENGINE S/N: 360266  
REG. NO: N215CP  
WORK ORDER:  
4258-01-2016

## Engine Entries

Removed incorrect oil pressure relief spring. Cleaned oil pressure relief plunger and serviceable valve springs P/n 539619 and P/n 637083. Operational check satisfactory.

**Maintenance Release**

The aircraft and/or component(s) on N215CP was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 4258-01-2016.

DATE: 1/19/2016

SIGNED: *Elyah D. ...*

Elijah Derbecker, A&P: 3757478




**Work Order: 4258-01-2016**



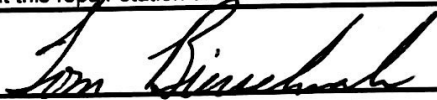
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**TOTALS-Carry forward to next page**






DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		 Leading the Business of Aviation		ENGINE RECORD ENTRY	
Registration	N215CP	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394		Flight Time	3319.8
Model No.	SR20			Total Time	--
Serial No.	1741			Cycles	--
				PAGE 1 OF 1	
1. INSTALLED NEW OIL PRESSURE SENSOR P/N 12635-004. OPS/LEAK CHECK GOOD. REFERENCE: SR20 MM 79-30.					
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under <b>Work Order: 11M-3656</b>					
Date:	02/17/2016	Authorized Signature:		 Richard Kurland	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		 Leading the Business of Aviation		ENGINE RECORD ENTRY	
Registration	N215CP	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 Phone (210) 384-3388 Fax (210) 384-3394 CRS U7TR491Y		Hour meter	3355.8
Model No.	SR20			Total Time	3355.8
Serial No.	1741			TSMOH	940.4
Engine Model	IO360ES6B			Page 1 of 1	
Engine S/N	360266				
1. COMPLIED WITH A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR43 APPENDIX D USING THE CIRRUS SR20 SERIES SCHEDULED INSPECTION REPORT AS A GUIDE. ENGINE RUNS WERE COMPLETED WITH ALL INDICATIONS AND OPERATIONS NORMAL.					
2. COMPRESSION CHECK RESULTS; # 1 76/80, # 2 XX/80, # 3 76/80, # 4 74/80, # 5 XX/80, # 6 76/80.					
3. DRAINED OIL. OPENED FILTER AND INSPECTED FOR METAL. NONE FOUND. INSTALLED NEW FILTER P/N CH48108-1. SERVICED ENGINE WITH AEROSHELL 100 SAE 50 MINERAL OIL. GROUND RUN AND LEAK CHECKED GOOD.					
4. INSTALLED NEW CONTINENTAL CYLINDER AND VALVE ASSEMBLIES P/N 658601A3 IN #2 AND #5 LOCATIONS. GROUND RUN-UP ACCOMPLISHED IAW CONTINENTAL SB M89-7R1 PARAGRAPH III. OPS CHECKED AND LEAK CHECKED GOOD. REFERENCE IO360 SERIES MAINTENANCE MANUAL 17-9.2.					
5. COMPLIED WITH 12 MONTH FUEL NOZZLE CLEANING. REFERENCE POSITION TUNED FUEL NOZZLE INSTALLATION MANUAL. OPS CHECKED AND LEAK CHECKED GOOD.					
6. INSTALLED OIL COOLER P/N 646880, S/N 303-2152-67 OVERHAULED BY TURNAIR, LLC CRS# Z4UR696B UNDER WO# 003203. REFERENCE THEIR 8130-3 FORM DATED 9/15/2014. LEAK CHECKED GOOD. REFERENCE SR20 AMM CHAPTER 79-20.					
7. INSTALLED 12 NEW SPARK PLUGS P/N URHM38E. OP CHECKED GOOD. REFERENCE SR20 AMM CHAPTER 74-20.					
8. REINSTALLED AND TIMED LEFT MAGNETO USING NEW GASKET P/N 649954 AND CORRECT MOUNTING HARDWARE CLAMPS P/N 630535 AND NUTS P/N AN315-5R. OPS CHECKED AND LEAK CHECKED GOOD. REFERENCE IO360 SERIES MM 6-3.9.1.2.					
9. REINSTALLED AND TIMED RIGHT MAGNETO USING NEW GASKET P/N 649954. OPS CHECKED AND LEAK CHECKED GOOD. REFERENCE IO360 MM 6-3.9.1.2.					
10. REPLACED ALL 6 INTAKE TUBE FLANGE GASKETS P/N 654227. OPS CHECKED GOOD REFERENCE IO360 SERIES MM 17-9.2.					
11. REPLACED ROCKER COVER GASKETS P/N 655704 ON ALL CYLINDERS. LEAK CHECKED GOOD. REFERENCE IO360 SERIES MM.					
12. REPLACED #2 CYLINDER DRAIN TUBE WITH NEW TUBE P/N 642580. REFERENCE IO360 SERIES MM 17-3.3.					
13. INSTALLED NEW #2 CYLINDER HEAD BAFFLE SPRINGS P/N 532377. REFERENCE IO360 SERIES MM 17-3.6.					
14. INSTALLED NEW BAFFLE FASTENER P/N 641346 AND SPRING P/N 641347 BETWEEN #4 AND #6 CYLINDERS. REFERENCE IO360 MM 17-3.6.					
I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS ENGINE IN ACCORDANCE WITH FAR 43 Appendix D AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under <b>Work Order: 11M-3684</b>					
Date:	6/6/2016	Authorized Signature:		 Tom Bierschwale	







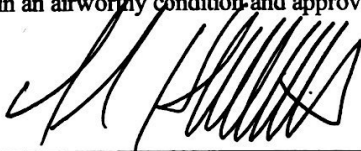
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK						
			 Leading the Business of Aviation							
<table border="1"> <tr> <td>Registration</td> <td>N215CP</td> </tr> <tr> <td>Model No.</td> <td>SR20</td> </tr> <tr> <td>Serial No.</td> <td>1741</td> </tr> </table>			Registration	N215CP	Model No.	SR20	Serial No.	1741	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394	
Registration	N215CP									
Model No.	SR20									
Serial No.	1741									
			<table border="1"> <tr> <td>Flight Time</td> <td>3418.7</td> </tr> <tr> <td>Total Time</td> <td>--</td> </tr> <tr> <td>Cycles</td> <td>--</td> </tr> </table>		Flight Time	3418.7	Total Time	--	Cycles	--
Flight Time	3418.7									
Total Time	--									
Cycles	--									
			PAGE 1 OF 1							
1. PERFORMED GROUND RUN AND ADJUSTED OIL PUMP PRESSURE WHILE RUNNING AT OPERATING OIL TEMPERATURE. NO CAS MESSAGE AT THIS TIME. REFERENCED TCM SPMM M-0 6-4.10.1.										
The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file under <b>Work Order: 11M-3940</b>										
Date:	10/13/2016	Authorized Signature:		 Richard Kurland						



**Wild Warbirds**  
 130 Howard Langford Drive  
 Uvalde, TX 78801  
 TEL (830) 591-8218

28-Mar-2017 TCM IO-360ES6B S/N:360266 Tach:3724.8 TSMO: 1309.4 <sup>-3</sup> <sub>can't connect</sub>  
 Performed annual inspection on engine IAW FAR 43 Appendix D, and applicable Continental service/maintenance letters. ADs in compliance thru effective bi-weekly 2017-07. I certify that this engine has been found to be in an airworthy condition and approved for return to service.

**Mark T. Huffstutler**  
 AP2832471IA




**WELLS AIRCRAFT, INC.**  
 800 AIRPORT ROAD  
 MUNICIPAL AIRPORT  
 HUTCHINSON, KS 67501-1953  
 CRS NT2R043L  
 (620)663-1546  
 www.wellsac.com

Date: 04-19-2018  
 Work Order: **BW1030**  
 N215CP S/N 1741  
 Flight Time: **3617.9**  
 Hobbs Meter: **3793.0**  
 TTAF: **3617.9**  
 TSMOH **1202.5**



Performed a **100 Hour / Annual Inspection** in accordance with FAR 91.409 and the requirements outlined in FAR 43 App. D, with reference to Cirrus SR20 A.M.M. Rev. B8, P/N 12137-001. Performed cylinder differential compression test, results as follows: #1 68/80, #3 56/80, #5 58/80, #2 61/80, #4 57/80, #6 70/80, M.O. 44/80. Clean and gapped all plugs rotating top to bottom. Replaced both LH and RH muffler LH P/N 20560-001, RH P/N 20559-002. Completed oil and filter change with oil sample taken, CH48108-1 & 7 QTS 20W-50 XC oil. Sample kit sent and report warrants follow up. Cut oil filter and found small some metals caught in the filter, suggestion is follow up filter and sample in 10 hours. Replaced MS35769-11, quick-drain crush gasket. Replaced leaking cylinder rocker covers (12) P/N 655704. Replaced leaking propeller governor gasket P/N MS9144-01.  
 - Complied with SB2X-78-07R1 & AD 2008-11-18 by inspection of the exhaust heat exchanger as required by this service document.  
 No discrepancies noted at this time. Next inspection due at Flt: 1475.6.  
 - All applicable ADs have been complied with at this time.

I certify that this Engine (TCM IO-360-ES(16B), S/N 360266) has been inspected in accordance with a **100 Hour/Annual Inspection** and was determined to be in an Airworthy Condition.

I have reviewed the file on this aircraft and the accompanying forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired / inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair / inspection are on file at this Certified Repair Station CRS NT2R043L.

Authorized Signature:   
 Robert Clint Weldon / CRS Release Authority

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				07-16-2018. Hobbs 3796.7
				Changed oil & filter.
				Serviced with 8 qt.
				Phillips 20/50 XC. Opened
				filter & ck. for contam.,
				None found.
				<i>Paul H Wedel</i>
				AP 513445040



Alpha Aviation Mission Outreach Center Inc.  
P.O. Box 1622 / Davis Field Airport. Muskogee, OK 74403  
(479)856-5000

08/17/2018	Make	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3815.7	3640.6	3815.7 <del>3815.7</del>	1400.3
Engine	TCM	IO-360-ES	360266			3640.6	

- 1. Oil level 5 qts, add 1 qt Phillips X/C 20W50.
- 2. Replaced push rod tube gaskets and required.
- 3. Replace valve cover gaskets as required.

Work performed in accordance with appropriate service publications by Scott Helmn. & Randy Baumann.  
Signature: *J R Baumann* J R Baumann AP 2583021



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08/17/2018	Make	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3819.4	3644.3	3819.4 <del>3819.4</del>	1404.0
Engine	TCM	IO-360-ES	360266			3640.6	

- 1. Install new EGT Probe P/N:16579-002 on cylinder #4.
- 2. Adjust crank case breather line to stop chafing.
- 3. Replace 3 Adel clamps PN-MS21919WF27 and adjusted several to better secure fuel lines.

Work performed in accordance with appropriate service publications by Stephanie Schledorn, Scott Helms, & Randy Baumann.  
Signature: *J R Baumann* J R Baumann AP 2583021


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09/05/2018	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3830.4	3655.3	3655.3	1415.0
Engine	TCM	IO-360-ES	360266				

1. Install O/H Right MAG PN:6314, SN 95030006.
2. Replace gasket on left magneto and re-time both mags IAW manufacturers recommendations.
3. Repair left mag #4 cylinder ignition lead.
4. Clean, gap and rotate spark plugs.
5. Clean fuel injectors.
6. Leak and ops check ok.

Work performed in accordance with appropriate service publications by Stephanie Schledorn, Scott Helms, & Randy Baumann.

Signature: [Signature] J R Baumann AP 2583021



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10/02/2018	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3871.7	3696.6	3655.3	
Engine	TCM	IO-360-ES	360266	3871.7	3696.6	3696.6	

1. Drain engine oil, open and inspect filter.
2. Install new AA 48108-2 oil filter, 7 qts Phillips X/C 20W 50 and 1 pint CamGuard.
3. Increase oil pressure adjustment 1/2 turn.
4. Clean engine and cowl of oil residue from minor prop governor leak.
5. Run-up complete, leak and ops check ok.

Work performed in accordance with appropriate service publications by Stephanie Schledorn & Randy Baumann.

Signature: [Signature] J R Baumann AP 2583021



479-518-5890

09-04-18

N215CP Continental IO-360-ES6B S/N 360266  
Flight Hobbs 3659.4 Hobbs 3834.4 TSMOH 1244.0

\*Changed engine oil and filter.

\*Installed new oil filter P/N AA48108-2

\*Serviced with 7 qts Aeroshell W100 and 1 pint ASL Camguard.

\*Removed oil pressure adjustment assembly, ground plunger seat in accessory housing as needed, reinstalled oil pressure adjustment assembly.

\*Solvent washed engine.

\*Test ran engine for ops and leak check, checks okay at this time.

\*All work IAW Continental IO360 overhaul manual and/or Cirrus SR20 service manual.

Bill Tucker  
AP30662591A



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(479)856-5000

12/20/2018	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3890.6	3715.5	3715.5	
Engine	TCM	IO-360-ES	360266	3890.6	3715.5	3715.5	0

1. Engine removed for overhaul due to failing piston pin bushing. (Found metal in screen.)
2. Case, sump and accessory case inspected and repaired by Divco, Tulsa.
3. Installed serviceable camshaft model# 655545, SN-R52919-5 supplied by Rick Romans, Inc. BE2R713K.
4. Crankshaft, connecting rods, rocker arms, rocker arm shafts, lifters, gears, piston pins, case bolts and required hardware inspected/repaired/obtained from Aircraft Specialties Services, Inc., Tulsa RS# DD2R764K .
5. Installed new crankshaft bearings PN# 642337M010 & PN# 641992M010 and packing PN# 632879, and connecting rod bearings PN# 642338M010
6. Replaced inter-cylinder baffle with PN# 641166.
7. Installed new oil seal retainer plate PN# 641361.
8. Installed 4 new Lord mounts PN#J-9613-58.
9. Starter adapter, mechanical fuel pump and propeller governor overhauled by Aircraft Accessories of Oklahoma RV3R829L.
10. Installed overhauled electric fuel pump PN# 5217-00-3, SN# 4235, from Aeromotors, LLC., 01MR357Y
11. Fuel control valve overhauled by Mike's Fuel Metering Service, Tulsa.
12. Oil cooler overhauled by Pacific Oil Cooler Service, Inc., LaVerne, CA. PN#
13. Replaced all oil and fuel lines with new from Precision Hose Technology, Tulsa.
14. Cylinders overhauled by Brown Aviation, Inc., Tulsa, using new balanced pistons PN# 654861P015BP, new ring sets PN# SA3610-SC P15, new rod bolts PN#655959, new rod nuts PN# 654487, new springs PN# SA625957 & SA625958, new valve keys PN# SA627731, new piston pins SA629690, and new exhaust valves PN#SA646460.
15. Installed new oil temperature probe PN# 12634-001.
16. Replaced damaged Cyl #3 intake tube with new PN#655224-2.
17. Serviced with 8 quarts Aeroshell 100 mineral oil with new filter.
18. Pre-oiled engine followed by short ground run and leak check.
19. Completed break-in flights IAW Continental IO-360 Series Engine Maintenance and Overhaul Manual dated Dec 2014.

Work performed in accordance with appropriate service publications by Stephanie Schledorn, Scott Helms & Randy Baumann.  
Signature: SRB J R Baumann AP 2583021



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01/08/2019	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3911.4	3731.9	3731.9	
Engine	TCM	IO-360-ES	360266	3911.4	3731.9	3731.9	16.4

1. Drain engine oil. Remove, open and inspect oil filter. No unusual contamination found.
2. Install new AA 48108-2 oil filter and safety. Install 8 Quarts Phillips X/C 20W 50.
3. Run up complete, no leaks.

Work performed in accordance with appropriate service publications by Stephanie Schledorn & Randy Baumann.  
Signature: SRB J R Baumann AP 2583021



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(479)856-5000

03/05/2019	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3946.2	3758.5	3758.5	
Engine	TCM	IO-360-ES	360266	3946.2	3758.5	3758.5	43.0

1. Torque all valve cover gaskets to 55 in/lbs.
2. Install new gasket PN 6451533 in Tach Drive assembly.

Work performed in accordance with appropriate service publications by Stephanie Schledorn & Randy Baumann.  
Signature: SRB J R Baumann AP 2583021



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(479)856-5000

05/08/2019	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3986.6	3797.7	3797.7	
Engine	TCM	IO-360-ES	360266	3986.6	3797.7	3797.7	82.2

1. Inspect and service engine IAW Annual inspection guidelines per 14 CFR 43 Appendix D & Cirrus Service Manual.  
2. No oil change – not due.  
3. Compression's – 76, 75, 75, 73, 75, 75/80. MO – 45.  
4. Cleaned, gapped, inspected and rotated spark plugs.  
5. Inspected and cleaned gascolator.  
6. Adjust fuel system per Cirrus AMM.  
7. Run up complete, no leaks.

This engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in airworthy condition.  
Work performed in accordance with appropriate service publications by Stephanie Schledorn & Randy Baumann.

Signature: SKA J R Baumann AP 2583021



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05/13/2019	N215CP	Model	S/N:	Hour	Flight	TT	TSOH
Aircraft	Cirrus	SR-20	20-1741	3988.6	3799.7	3799.7	
Engine	TCM	IO-360-ES	360266	3986.6	3799.7	3799.7	84.2

1. Replace #5 EGT sensor with new PN – 16579-002.  
2. Re-attach baffle beneath #5 cylinder, replace broken retaining spring.  
3. Run up complete, no leaks.

Work performed in accordance with appropriate service publications by Stephanie Schledorn & Randy Baumann.

Signature: SKA J R Baumann AP 2583021



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page



08-15-2020  
N215CP Continental IO-360-ES6B S/N 360266  
Hobbs 4082.6 TSOH 160.0 Time Since Top IRAN 000.0 Engine Total Time 3875.5  
\*Inspected Engine IAW Cirrus SR20 100 hour inspection.  
\*Installed new engine air filter P/N BA-24.  
\*Inspected, cleaned, gapped, and reinstalled sparkplugs in rotated positions.  
\*Changed engine oil and filter, cut open old filter, no notable contaminants found.  
\*Removed oil suction screen for inspection, no notable contaminants found, reinstalled with new crush gasket.  
\*Serviced engine with 8qts. Aeroshell 100 mineral oil.  
\*Installed new filter P/N AA48108-2.  
\*Compressions checked: #1-76/80; #2-75/80; #3-75/80; #4-66/80; #5-72/80; #6-75/80.  
\*Removed all 6 cylinders and sent out to Performance Aircraft Powerplants for repair.  
\*Reinstalled cylinders 1, 2, 3, 4, and 6 and replaced cylinder 5 with an O/H'd cylinder from Performance Aircraft Powerplants, see PAP, Inc W/O#4078 dated 7-23-2020.  
\*Cylinders were installed using new cylinder base orings P/N SA21477, Real pushrod tube seal kit P/N RG-360PR-6, Real valve cover gaskets P/N RG-632310, exhaust flange gaskets P/N RA970, 6 new fuel drain tube seals P/N 633958-2.  
\*Verified applicable AD's with IA Approach up to 08-15-2020  
\*All work IAW TCM IO360 overhaul manual, TCM M-7 and/or Cirrus SR20 Service Manual.  
\*I Certify this Engine has been inspected IAW an Annual inspection and has been determined to be in Airworthy condition.

*[Signature]*  
AP30662591A



08-15-2020  
N215CP Continental IO-360-ES6B S/N 360266  
Hobbs 4089.7 TSOH 165.8 Time Since Top IRAN 5.8 Engine Total Time 3881.3  
\*Changed engine oil and filter, cut open old filter, no notable contaminants found.  
\*Serviced engine with 8qts. Aeroshell 100 mineral oil.  
\*Installed new filter P/N AA48108-2.  
\*All work IAW TCM IO360 overhaul manual, TCM M-7 and/or Cirrus SR20 Service Manual.

*[Signature]*  
AP30662591A



08-25-2020  
N215CP Continental IO-360-ES6B S/N 360266  
Hobbs 4110.1 TSOH 181.2 Time Since Top IRAN 21.2 Engine Total Time 3896.7  
\*Changed engine oil and filter, cut open old filter, no notable contaminants found.  
\*Serviced engine with 7 1/2 qts. Phillips X/C 20W-50 oil 1 pint ASL Camguard  
\*Removed bottom #1 spark plug, cleaned, gapped, inspected, tested and reinstalled plug.  
\*Installed new filter P/N AA48108-2.  
\*All work IAW TCM IO360 overhaul manual, TCM M-7 and/or Cirrus SR20 Service Manual.

*[Signature]*  
AP30662591A


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**TOTALS**-Carry forward to next page